

PATENT ABSTRACTS OF JAPAN

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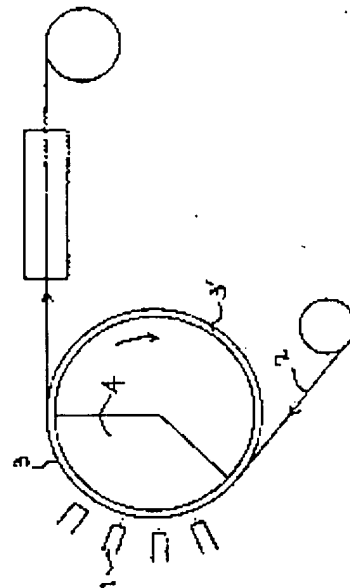
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(54) METHOD AND APPARATUS FOR INK JET DYEING

(57)Abstract:

PURPOSE: To favorably print a cloth without causing staggering or distortion even when the cloth is flexible and with little blurring of droplets and large penetration depth, by a method wherein ink jet dyeing is conducted by using a colored ink while applying suction to the back side of a cloth to be treated.

CONSTITUTION: When dyeing a cloth by an ink jet system using a colored ink, a cloth passage part 3 is provided at a position substantially opposed to ink jet nozzles 1, the cloth 2 to be treated is moved along the passage part 3, and while applying suction to the back side of the cloth 2 by a cloth-sucking housing 4 provided on the back side of the cloth 2, colored inks are jetted from the nozzles 1 to the cloth 2 by the ink jet system, thereby printing. It is preferable to apply suction to the cloth 2 by the housing 4 through a sucking surface part consisting of a porous substance 3'.



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